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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/506,352	04/04/2005	Kazuei Yoshioka	403191/MIYOSHI	1090

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WASHINGTON, DC 20005-3960

EXAMINER
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NGUYEN, KIMBERLY D

ART UNIT	PAPER NUMBER
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2876

DATE MAILED: 03/22/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

**Office Action Summary**

Application No.

10/506,352

Applicant(s)

YOSHIOKA, KAZUEI

Examiner

Kimberly D. Nguyen

Art Unit

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 2 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☐ Responsive to communication(s) filed on \_\_\_\_.
- 2a) ☐ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☒ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1-9 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_ is/are withdrawn from consideration.
- 5) ☒ Claim(s) 1-9 is/are allowed.
- 6) ☐ Claim(s) \_\_\_\_ is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
  - ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_.
  - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)  
Paper No(s)/Mail Date 4/4/05, 9/2/04.
- 4) ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date. \_\_\_\_.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: \_\_\_\_.

### DETAILED ACTION

1. This application is in condition for allowance except for the following formal matters:

#### *Information Disclosure Statement*

2. The information disclosure statement filed 4 August 2005 fails to comply with the provisions of 37 CFR 1.97, 1.98 and MPEP § 609 because the hard copies of cited foreign documents JP 63-95891 and JP 63-39396 have not been filed. It has been placed in the application file, but the information referred to therein has not been considered as to the merits. Applicant is advised that the date of any re-submission of any item of information contained in this information disclosure statement or the submission of any missing element(s) will be the date of submission for purposes of determining compliance with the requirements based on the time of filing the statement, including all certification requirements for statements under 37 CFR 1.97(e). See MPEP § 609.05(a).

#### *Claim Objections*

3. Claim 1 is objected to because of the following informalities:

Re claim 1, line 1: "to be communicable" is vague and should be replaced with -- to communicate." Appropriate correction is required.

Prosecution on the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11; 453 O.G. 213.

A shortened statutory period for reply to this action is set to expire **TWO MONTHS** from the mailing date of this letter.

*Allowable Subject Matter*

4. Claims 1-9 are allowed.
5. The following is an examiner's statement of reasons for allowance:

Inoue (US 5,436,441) teaches noncontacting card containing a coil circuit has at least two spiral windings connected in parallel for electromagnetically coupling the card to a terminal and a processing circuit connected to the coil circuit for signal processing. A noncontacting transmission system includes a noncontacting card having a coil circuit including at least two spiral windings connected in parallel and a terminal having a coil circuit including at least two spiral winding connected in parallel, the coil circuits of the noncontacting card and the terminal being electromagnetically coupled for transmitting electrical power to the noncontacting card and exchanging data between the terminal and the noncontacting card (fig. 16).

Ohki (US 4,791,285 A) teaches a read/write method using a non-contact system and used between storage substrate and a read/write unit, the method including a storage substrate providing a memory at a card or other substrates, and a read/write unit, the storage substrate providing a coil for power supply, a coil for receiving data to be recorded in a memory, a coil for outputting toward the read/write unit the data recorded in the memory, and a coil for receiving a mode command, the read/write unit providing coils corresponding to four coils at the storage substrate, so that the respective corresponding coils at the storage substrate are insertably positioned in the magnetic flux generated by each coil at the read/write unit, whereby the read/write unit writes data in the memory at the storage substrate, or the data stored in the memory at the storage substrate is read by the read/write unit (fig. 4).

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The prior art of record fails to teach or fairly suggest an IC card having an antenna unit provided on an IC card body, wherein the antenna unit is composed of paired electrostatic coupling antennas spaced from each other;

the paired electrostatic coupling antennas comprise first and second metallic thin films arranged on a front surface of or in the vicinity of the front surface of the IC card body separately from each other; and third and fourth metallic thin films arranged on a back surface of or in the vicinity of the back surface of the IC card body separately from each other; and

the first and third metallic thin films are opposed to each other and connected to each other to form one of the paired electrostatic coupling antennas; and the second and fourth metallic thin films are opposed to each other and connected to each other to form the other of the paired electrostatic coupling antennas as set forth in the claim.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

### *Conclusion*

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Kimberly D. Nguyen whose telephone number is 571-272-2402. The examiner can normally be reached on Monday-Friday 7:30-4:30.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Michael G. Lee can be reached on 571-272-2398. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

A handwritten signature in black ink, appearing to read "KDN", with a long horizontal flourish extending to the right.

KDN

March 19, 2006